



**STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
Division of Water Resources  
1221 South Willow Avenue  
Cookeville, Tennessee 38506  
Statewide 1-888-8332**

**Phone 931-432-4015**

**Fax 931-432-6952**

April 24, 2015

Mr. Gerald Williams  
Water Plant Superintendent  
2089 E. First Street  
Crossville, TN 38555

RE: Compliance Evaluation Inspection  
Crab Orchard Utility District  
NPDES #0067831- Permit Expires June 30, 2015  
Receiving Waters: Otter Creek, Cumberland County, TN.

Dear Mr. Williams;

On April 22, 2015 David Phillips from the Division of Water Resources, conducted an inspection of the Crab Orchard Utility District Water Treatment Plant (WTP). The purpose of the inspection was to evaluate compliance with the General NPDES permit for WTP filter backwash and Sedimentation basin discharge and to determine the reliability of data submitted on the Discharge Monitoring Report. The discharge is to the Otter Creek Reservoir.

Permit

Coverage under the General NPDES Permit for Discharges of Filter Backwash and Sedimentation Basin Wastewater from the Water Treatment Plants became effective on August 2, 2010, and will expire on June 30, 2015. The General NPDES permit is available at <http://www.state.tn.us/environment/permit/filtwash.shtml>

Facility Review

Filter Backwash water and Sedimentation basin wastewater are discharged to two sediment basins in series prior to discharge to the Otter Creek Reservoir. Clear water is decanted from the second basin via a weir structure. The required signage was in place at the outflow to the reservoir and discharge was clear at the time of inspection.

Laboratory/Records Review

The permit requires that tested parameters be sampled once per month. The required records are being maintained and were readily available. The records were found to be consistent with data submitted on DMR's. The DMR's are sent to the DWR Central Office and the Cookeville Field office in a timely manner. The laboratory and associated equipment and instruments were well maintained. Records of sample collection, analysis, equipment calibration, and maintenance were made available upon request. Chlorine, pH, Iron, settleable solids, and suspended solids tests are being performed at the WTP. Aluminum sample analysis is being performed by a State approved private Laboratory.

I would like to thank Mr. Gerald Williams for his courtesy and prompt response to requests made during the inspection. If you have any questions or comments please contact David Phillips or me at the Cookeville Environmental Field Office at (931)432-4015.

Sincerely,



Johnny K. Walker  
Environmental Program Manager  
Division of Water Resources  
Cookeville Environmental Field Office